

Permit¹

Environmental Protection Act 1994

Environmental authority EPVX00620613

This environmental authority is issued by the administering authority under Chapter 5 of the Environmental Protection Act 1994.

Permit¹ number: EPVX00620613

Environmental authority takes effect 13 February 2017

Anniversary day: 22 February

The first annual fee is payable within 20 business days of the effective date.

The anniversary date of this environmental authority is the same day each year as the effective date. An annual return and the payment of the annual fee which is currently \$609.00 will be due each year on this day.

Environmental authority holder(s)

Name	Registered address
Queensland Coking Coal Pty Ltd	1/13 Manilla Street EAST BRISBANE QLD 4169

Environmentally relevant activity and location details

Environmentally relevant activity(ies)	Location(s)
Mining - EPC	EPC1232

Additional information for applicants

Environmentally relevant activities

The description of any environmentally relevant activity (ERA) for which an environmental authority is issued is a restatement of the ERA as defined by legislation at the time the approval is issued. Where there is any inconsistency between that description of an ERA and the conditions stated by an environmental authority as to the scale, intensity or manner of carrying out an ERA, then the conditions prevail to the extent of the inconsistency.

An environmental authority authorises the carrying out of an ERA and does not authorise any environmental harm unless a condition stated by the authority specifically authorises environmental harm.

A person carrying out an ERA must also be a registered suitable operator under the *Environmental Protection Act 1994* (EP Act).

¹ Permit includes licences, approvals, permits, authorisations, certificates, sanctions or equivalent/similar as required by legislation



Contaminated land

It is a requirement of the EP Act that if an owner or occupier of land becomes aware a notifiable activity (as defined in Schedule 3 and Schedule 4) is being carried out on the land, or that the land has been, or is being, contaminated by a hazardous contaminant, the owner or occupier must, within 22 business days after becoming so aware, give written notice to the chief executive.



Signature

Gillian Naylor
Department of Environment and Heritage Protection
Delegate of the administering authority
Environmental Protection Act 1994

13 February 2017

Date

Enquiries:
Business Centre (Coal)
Department of Environment and Heritage
Protection
PO Box 3028
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EMERALD QLD 4720
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Obligations under the *Environmental Protection Act 1994*

In addition to the requirements found in the conditions of this environmental authority, the holder must also meet their obligations under the EP Act, and the regulations made under the EP Act. For example, the holder must comply with the following provisions of the Act:

- general environmental duty (section 319)
- duty to notify environmental harm (section 320-320G)
- offence of causing serious or material environmental harm (sections 437-439)
- offence of causing environmental nuisance (section 440)
- offence of depositing prescribed water contaminants in waters and related matters (section 440ZG)
- offence to place contaminant where environmental harm or nuisance may be caused (section 443)

Conditions of environmental authority

With the exception of any variations, the conditions of approval for this environmental authority include standard conditions contained within the attached document(s) entitled:

- *Eligibility criteria and standard conditions for exploration and mineral development projects*

Variations to the standard conditions include:

Agency interest: General	
Condition number	Condition
A1	For exploration activities the environmental authority holder must comply with each of the standard environmental conditions contained in the document <i>Eligibility criteria and standard conditions for exploration and mineral development projects</i> , except Condition A13, which is replaced by the conditions in this environmental authority.
A2	If there is any inconsistency between a standard environmental condition and an additional condition in this environmental authority, the additional condition prevails to the extent of any inconsistency.
A3	The conditions of this environmental authority are in force until surrender of the authority is accepted pursuant to the <i>Environmental Protection Act 1994</i> . The conditions apply unless an amendment is approved pursuant to the <i>Environmental Protection Act 1994</i> .



Agency interest: Land	
Condition number	Condition
B1	The environmental authority holder must not carry out activities in a Category A or B Environmentally Sensitive Area. Activities involving machinery must not be carried out within 1km of a Category A Environmentally Sensitive Area. Prior to carrying out mining activities in a Category C Environmentally Sensitive Area, consultation must be held with the administering authority to determine if additional conditions are necessary.
B2	The environmental authority holder is authorised to carry out mining activities on EPC1232 within 500 metres of any Category B Environmentally Sensitive Areas where authorised under the conditions of this environmental authority.
B3	The environmental authority holder is authorised to undertake no more than three (3) drill sites within 500 metres of any Category B Environmentally Sensitive Areas on EPC1232 in accordance with the locations shown in Figure 1.
B4	The spacing of drilling gridlines within 500 metres of any Category B Environmentally Sensitive Areas must not be less than 500 metres apart.
B5	Drill holes within 500 metres of any Category B Environmentally Sensitive Areas are to be located as far as practicable in previously cleared areas.
B6	The environmental authority holder must minimise disturbance within 500 metres of any category B environmentally sensitive areas and avoid clearing mature trees when undertaking mining activities.
B7	Where machinery is operating within 500 metres of any Category B Environmentally Sensitive Areas, the holder of the environmental authority must ensure that the risk of fire is mitigated.
B8	The operational area within 500 metres of any Category B Environmentally Sensitive Areas of individual drill sites must not exceed 1,000 m ² .
B9	Drill holes within 500 metres of any Category B Environmentally Sensitive Areas are limited to less than 250 mm in diameter.
B10	The construction of sumps within 500 metres of any Category B Environmentally Sensitive Areas must not exceed 9 m ² .
B11	Topsoil stripping within 500 metres of any Category B Environmentally Sensitive Areas must be limited to the sump area. Where topsoil is removed it must be stockpiled for respreading at the completion of use.
B12	No dead trees within 500 metres of any Category B Environmentally Sensitive Areas are to be removed unless they are a safety risk.

B13	Tracks Existing access and fence line tracks must be used wherever possible. The holder of the environmental authority must consult with the landowner prior to establishing any new tracks within 500 metres of any Category B Environmentally Sensitive Areas. Any new tracks are to be constructed by linking naturally cleared or disturbed areas.
B14	Constructed tracks within 500 metres of any Category B Environmentally Sensitive Areas must be less than 5 metres in width, including shoulder width.
B15	Mowing or slashing of grasslands within 500 metres of any Category B Environmentally Sensitive Areas is to be used in the first instance. Track construction involving blade clearing of established ground cover vegetation and/or clearing of mature trees within 500 metres of any Category B Environmentally Sensitive Areas is to be minimised.
B16	Tracks within 500 metres of any Category B Environmentally Sensitive Areas should not be used when soil is saturated and prone to displacement or erosion by vehicle movement.
B17	Other Land Disturbance Activities must not include costeaning or bulk sampling.
B18	Prior to entering any area which is 500 metres from any Category B Environmentally Sensitive Areas all vehicles, machinery and equipment must be washed down in accordance with the latest Queensland Department of Environment and Heritage Protection's checklist for clean down procedures.
B19	Campsites must not be established within 500 metres of any Category B Environmentally Sensitive Areas.
B20	All waste must be removed and disposed of offsite.
B21	Burning of vegetation is not permitted.
B22	Rehabilitation Rehabilitation must be undertaken in accordance with requirements of the document <i>Eligibility criteria and standard conditions for exploration and mineral development projects</i>, and to the satisfaction of the administering authority.
B23	Rehabilitation of disturbance within the 500 metres buffer zone of any Category B Environmentally Sensitive Areas must be completed as soon as practicable, but no longer than three (3) months after completion of the disturbance activity.
B24	Reporting An annual report must be prepared each year and submitted with each annual return. The report must include a map identifying all exploration activities undertaken within 500m of any Category B Environmentally Sensitive Areas to date. The map is to clearly distinguish between proposed, completed and rehabilitated mining activities to demonstrate compliance with this environmental authority.

Definitions

Words and phrases used throughout this environmental authority are defined in the Definitions section of this authority. Where a definition for a term used in this environmental authority is sought and the term is not defined within this environmental authority, the definitions in the document *Eligibility criteria and standard conditions for exploration and mineral development projects*, and the definitions in the *Environmental Protection Act 1994*, its regulations and policies must be used.

“administering authority” means the Department of Environment and Heritage Protection or its successor.

“authority” means environmental authority (mining lease) under the *Environmental Protection Act 1994*.

“disturbance” means any area that has had its natural state altered by the action or interference of carrying out an activity associated with the mining project.

“environmental authority” means an environmental authority under Chapter 5 of the *Environmental Protection Act 1994*.

“environmentally sensitive areas” refers to locations, however large or small, that have environmental values that contribute to maintaining biological diversity and integrity, have intrinsic or attributed scientific, historical or cultural heritage value, or are important in providing amenity, harmony or sense of community. Refer to Appendix 3 of the document *Eligibility criteria and standard conditions for exploration and mineral development projects*.

“holder of this environmental authority” means the principal holder of this environmental authority.

“financial assurance” means a security required under the *Environmental Protection Act 1994* by the administering authority to cover the cost of rehabilitation or remediation of disturbed land or to secure compliance with the environmental authority.

“infrastructure” means water storage dams, roads and tracks, buildings and other structures built for the purpose of mining activities but does not include other facilities required for the long term management of mining impacts or the protection of potential resources. Such other facilities include dams, waste rock dumps, voids, or ore stockpiles and buildings as well as other structures whose ownership can be transferred and which have a residual beneficial use for the next owner of the operational land or the background land owner.

“standard environmental conditions” for an environmental authority, means the standard environmental conditions approved for the authority under section 549 of the *Environmental Protection Act 1994*.

END OF PERMIT

Attachments

Eligibility criteria and standard conditions for exploration and mineral development projects.



Figure 1 – Location of drill holes (EPC1232) within Environmentally Sensitive Areas



